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### Congress Abstracts

#### MRI Findings of Flair Sequence in Epileptic Patients

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#### Abstract:

**Background/Objective:** MRI FLAIR sequence has good results in comparison with standard sequences to study the findings of the epi-leptic patients in FLAIR sequence of MRI.

**Patients and Methods:** 104 patients with the history of previous seizure were included in the study. MRI was performed at T1, T2, PD, and FLAIR sequences.

**Result:** In our study, 63.47% of patients had abnormal MRI findings. Space occupying lesions in 16.35%, hippocampal sclerosis in 6.73%, brain degenerative lesions in 6.73%, brain developmental malformation in 1.92%, and other lesions in 3.85%.

**Conclusion:** FLAIR sequence of MRI has good results in comparison with standard sequences in detecting cerebral lesions at epileptic patients, especially in low grade tumors. Seizure is often associated with tumors. FLAIR sequence is also a challenge on subtle localization recovery, temporal lobe.

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